

=> d 17 1-5 abs,bib

*STN*  
ACQUIS, INSPEC, AND DOC, USPTO, USPTFULL

6/8/2006

L7 ANSWER 1 OF 5 USPATFULL on STN

AB A **magnetic garnet single crystal** film formation substrate 2 for growing a thick **magnetic garnet single crystal** film, wherein **crystal** defects, warps, cracks and flaking, etc. are not caused, by **liquid phase epitaxial** growth is provided. The substrate 2 comprises a base substrate 10 composed of a garnet-based **single crystal** being **unstable** with a **flux** used for the **liquid phase** epitaxial growth; a buffer layer 11a composed of a garnet-based **single crystal** thin film formed on a **crystal** growing surface 10a of said base substrate 10 and being stable with said flux; and a protective layer 11b formed at least on side surfaces 10b of said base substrate 10 crossing with said crystal growing surface of said base substrate 10 and being stable with said flux. By using the substrate, a high quality **magnetic garnet single crystal** film can be produced. The **magnetic garnet single crystal** film is used as an optical element, such as a Faraday element, used for an optical isolator, optical circulator and magneto-optical sensor, etc.

AN 2006:134315 USPATFULL

TI **Magnetic garnet single crystal** film formation substrate, optical element and production method of the same

IN Uchida, Kiyoshi, Chuo-ku, JAPAN

Sakashita, Yukio, Chuo-ku, JAPAN

Ohido, Atsushi, Chuo-ku, JAPAN

PA TDK CORPORATION, Tokyo, JAPAN (non-U.S. corporation)

PT US 2006112873 A1 20060601

AI US 2004-543655 A1 20040128 (10)

WO 2004-JP747

20040128

20050728 PCT 371 date

PRAI JP 2003-20195 20030129

DT Utility

FS APPLICATION

LREP OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VA, 22320, US

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN 6 Drawing Page(s)

LN.CNT 928

L7 ANSWER 2 OF 5 USPATFULL on STN

AB A **magnetic garnet single crystal** film formation substrate for growing a **magnetic garnet single crystal** film by **liquid phase** epitaxial growth is provided. This substrate comprises a base substrate composed of a garnet-based **single crystal** which is **unstable** with a **flux** used for the **liquid phase epitaxial** growth and a buffer layer composed of a garnet-based **single crystal** thin film formed on the base substrate and being stable with said flux. A high-quality **magnetic garnet single crystal** film can be produced by using the substrate. The **magnetic garnet single crystal** film is used as an optical element, such as a Faraday element, used in an optical isolator, optical circulator and magneto-optical sensor, etc.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2004:230737 USPATFULL

TI Substrate for forming **magnetic garnet single crystal** film, optical device, and its production method

IN Sakashita, Yukio, Chiba-ken, JAPAN

Kawasaki, Katsumi, Chiba-ken, JAPAN

Ohido, Atsushi, Akita-ken, JAPAN

Morikoshi, Hiroki, Chiba-ken, JAPAN

Uchida, Kiyoshi, Chiba-ken, JAPAN  
Yamasawa, Kazuhito, Akita-ken, JAPAN  
PI US 2004177801 A1 20040916  
AI US 2003-481632 A1 20031222 (10)  
WO 2002-JP6223 20020621

PRAI JP 2001-189587 20010622

DT Utility

FS APPLICATION

LREP OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VA, 22320

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN 5 Drawing Page(s)

LN.CNT 739

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

AB A process for producing substrate for forming a **magnetic garnet single-crystal** film is described, in which substrate is used to effect a liquid phase epitaxial growth of **magnetic garnet single-crystal** film.

First, a base substrate being constituted of a garnet **single-crystal** which is **unstable** to a **flux** for use in liquid phase epitaxial growth is formed. Subsequently, a buffer layer being constituted of a thin film of garnet **single-crystal** which is stable to the flux is formed on at least a crystal growth surface of the base substrate. In the **formation** of the **buffer layer** on the base substrate, the buffer layer is provided on the base substrate according to a thin film forming technique, such as sputtering, without pos. heating the base substrate.

AN 2004:678425 HCAPLUS

DN 141:197624

TI Substrate for forming **magnetic garnet single-crystal** film, process for producing the same, optical device and process for producing the same

IN Uchida, Kiyoshi; Sakashita, Yukio; Ohido, Atsushi

PA TDK Corporation, Japan

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1 .

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004070091	A1	20040819	WO 2004-JP760	20040128
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1595979	A1	20051116	EP 2004-705945	20040128
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	CN 1768167	A	20060503	CN 2004-80008878	20040128
PRAI	JP 2003-27165	A	20030204		
	WO 2004-JP760	W	20040128		

L7 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN

AB A substrate for forming a **magnetic garnet single crystal** film by **LPE**, a method for forming a **single crystal** film by **crystal** growth using the substrate, a **single crystal** film formed by the method, and an optical device are described. The substrate has a base substrate composed of a garnet **single crystal** unstable to the **flux** used for the **LPE** and a **buffer layer** formed on the base substrate and composed of a garnet **single crystal** thin film stable

to the flux. A high-quality **magnetic garnet**  
**single crystal** film is produced by using the substrate.  
The **magnetic garnet single crystal**  
film can be used for an optical device such as a Faraday device used for  
an optical isolator, an optical circulator, or a magneto-optical sensor.

AN 2003:6193 HCPLUS

DN 138:48779

TI Substrate for forming **magnetic garnet single**  
**crystal** film, optical device, and its production method

IN Sakashita, Yukio; Kawasaki, Katsumi; Ohido, Atsushi; Morikoshi, Hiroki;  
Uchida, Kiyoshi; Yamasawa, Kazuhito

PA Tdk Corporation, Japan

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003000963	A1	20030103	WO 2002-JP6223	20020621
	W: CN, JP, KR, US RW: DE, FR, GB, IT, NL				
	EP 1403403	A1	20040331	EP 2002-741236	20020621
	R: DE, FR, GB, IT, NL				
	CN 1547627	A	20041117	CN 2002-816498	20020621
	US 2004177801	A1	20040916	US 2003-481632	20031222
PRAI	JP 2001-189587	A	20010622		
	WO 2002-JP6223	W	20020621		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 5 INPADOC COPYRIGHT 2006 EPO on STN

LEVEL 1

AN 241070759 INPADOC ED 20040902 EW 200436 UP 20051121 UW 200544

TI SUBSTRATE FOR FORMING **MAGNETIC GARNET SINGLE**  
**-CRYSTAL FILM**, PROCESS FOR PRODUCING THE SAME, OPTICAL DEVICE  
AND PROCESS FOR PRODUCING THE SAME.  
SUBSTRAT POUR FORMER UN FILM MONOCRISTALLIN DE GRENAT MAGNETIQUE, PROCEDE  
DE PRODUCTION DUDIT SUBSTRAT, DISPOSITIF OPTIQUE ET PROCEDE DE PRODUCTION  
DE CE DERNIER.

IN UCHIDA, KIYOSHI; SAKASHITA, YUKIO; OHIDO, ATSUSHI

INS UCHIDA KIYOSHI; SAKASHITA YUKIO; OHIDO ATSUSHI

INA JP; JP; JP

PA TDK CORPORATION; UCHIDA, KIYOSHI; SAKASHITA, YUKIO; OHIDO, ATSUSHI

PAS TDK CORP; UCHIDA KIYOSHI; SAKASHITA YUKIO; OHIDO ATSUSHI

PAA JP; JP; JP

TL English; French

LA Japanese

DT Patent

PIT WOA1 PUBL.OF THE INT.APPL. WITH INT.SEARCH REPORT

PI WO 2004070091 A1 20040819

DS RW: BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD TG  
W: AE AE AG AL AL AM AM AT AT AU AZ AZ BA BB BG BG BR BR BW BY BY BZ  
BZ CA CH CN CN CO CO CR CR CU CU CZ CZ DE DE DK DK DM DZ EC EC EE EE  
EG ES ES FI FI GB GD GE GE GH GM HR HR HU HU ID IL IN IS JP JP KE KE  
KG KG KP KP KR KR KZ KZ LC LK LR LS LS LT LU LV MA MD MD MG MK  
MN MW MX MZ MZ NA NI NI NO NZ OM PG PH PL PL PT PT RO RU RU SC  
SD SE SG SK SK SL SL SY TJ TJ TM TM TN TR TR TT TT TZ UA UA UG UG US  
UZ UZ VC VN YU YU ZA ZM ZW

AI WO 2004-JP760 A 20040128

PRAI JP 2003-27165 A 20030204 (EDPR 20051117)

=>

Day : Thursday

**PALM INTRANET**Date: 6/8/2006  
Time: 22:33:39**Inventor Name Search Result**

Your Search was:

Last Name = SAKASHITA

First Name = YUKIO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
07903317	5345822	150	06/24/1992	VIBRATORY GYROSCOPE HAVING A SUPPORT MEMBER	SAKASHITA, YUKIO
08135332	5479822	150	10/13/1993	A CASING FOR A VIBRATORY GYROSCOPE	SAKASHITA, YUKIO
08352565	5521456	150	12/09/1994	VIBRATING GYROSCOPE	SAKASHITA, YUKIO
08565989	6242848	150	12/01/1995	OSCILLATION GYROSCOPE	SAKASHITA, YUKIO
08567058	Not Issued	161	12/04/1995	OSCILLATION GYROSCOPE	SAKASHITA, YUKIO
08658729	5895999	150	06/05/1996	VIBRATING GYROSCOPE	SAKASHITA, YUKIO
10331140	6876536	150	12/27/2002	THIN FILM CAPACITOR AND METHOD FOR FABRICATING THE SAME	SAKASHITA, YUKIO
10375897	6885540	150	02/26/2003	MULTI-LAYERED UNIT INCLUDING ELECTRODE AND DIELECTRIC LAYER	SAKASHITA, YUKIO
10375898	7067458	150	02/26/2003	MULTI-LAYERED UNIT INCLUDING ELECTRODE AND DIELECTRIC LAYER	SAKASHITA, YUKIO
10375918	Not Issued	160	02/26/2003	Multi-layered unit	SAKASHITA, YUKIO
10375919	6891714	150	02/26/2003	MULTI-LAYERED UNIT INCLUDING ELECTRODE AND DIELECTRIC LAYER	SAKASHITA, YUKIO
10375921	6977806	150	02/26/2003	MULTI-LAYERED UNIT INCLUDING ELECTRODE AND DIELECTRIC LAYER	SAKASHITA, YUKIO
10375923	6958900	150	02/26/2003	Multi-layered unit including electrode and dielectric layer	SAKASHITA, YUKIO

<u>10375924</u>	6788522	150	02/26/2003	MULTI-LAYERED UNIT INCLUDING ELECTRODE AND DIELECTIC LAYER	SAKASHITA, YUKIO
<u>10377396</u>	Not Issued	161	02/27/2003	Multi-layered unit including electrode and dielectric layer	SAKASHITA, YUKIO
<u>10460763</u>	6930875	150	06/12/2003	MULTI-LAYERED UNIT	SAKASHITA, YUKIO
<u>10481632</u>	Not Issued	71	12/22/2003	Substrate for forming magnetic garnet single crystal film, optical device, and its production method	SAKASHITA, YUKIO
<u>10487781</u>	Not Issued	61	02/26/2004	Compositions for thin-film capacitance device, high-dielectric constant insulating film, thin-film capacitance device, and thin-film multilayer capacitor	SAKASHITA, YUKIO
<u>10487782</u>	Not Issued	93	02/26/2004	COMPOSITIONS FOR THIN-FILM CAPACITANCE DEVICE, HIGH-DIELECTRIC CONSTANT INSULATING FILM, THIN-CAPACITANCE DEVICE, AND THIN-FILM MULTILAYER CAPACITOR	SAKASHITA, YUKIO
<u>10534728</u>	Not Issued	30	12/02/2005	Thin film capacitor for reducing power supply noise	SAKASHITA, YUKIO
<u>10542956</u>	Not Issued	19	01/01/0001	Thin film capacitance element composition, high permittivity insulation film, thin film capacitance element, thin film multilayer capacitor and production method of thin film capacitance element	SAKASHITA, YUKIO
<u>10543655</u>	Not Issued	20	07/28/2005	Magnetic garnet single crystal film formation substrate, optical element and production method of the same	SAKASHITA, YUKIO
<u>10544099</u>	Not Issued	30	08/02/2005	Substrate for forming magnetic garnet single-crystal film, process for producing the same, optical device and process for producing the same	SAKASHITA, YUKIO
<u>10546498</u>	Not Issued	19	01/01/0001	Thin film capacitive element, and electronic circuit and electronic device including the same	SAKASHITA, YUKIO

<u>10546667</u>	Not Issued	20	08/22/2005	Thin-film capacitative element and electronic circuit and electronic equipment including the same	SAKASHITA, YUKIO
<u>10546834</u>	Not Issued	41	08/25/2005	High-permittivity insulation film, thin film capacity element, thin film multilayer capacitor, and production method of thin film capacity element	SAKASHITA, YUKIO
<u>10547134</u>	Not Issued	20	08/26/2005	Thin film capacity element composition, high-permittivity insulation film, thin film capacity element, thin film multilayer capacitor, electronic circuit and electronic apparatus	SAKASHITA, YUKIO
<u>11294541</u>	Not Issued	30	12/06/2005	Method of manufacturing ceramic film and structure including ceramic film	SAKASHITA, YUKIO

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>
	<input type="text" value="Sakashita"/>	<input type="text" value="Yukio"/>
	<input type="button" value="Search"/>	

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Day : Thursday

**PALM INTRANET**Date: 6/8/2006  
Time: 22:34:09**Inventor Name Search Result**

Your Search was:

Last Name = OHIDO

First Name = ATSUSHI

<b>Application#</b>	<b>Patent#</b>	<b>Status</b>	<b>Date Filed</b>	<b>Title</b>	<b>Inventor Name</b>
09733039	6527973	150	12/11/2000	MAGNETIC GARNET MATERIAL AND MAGNETOOPTICAL DEVICE USING THE SAME	OHIDO, ATSUSHI
09779467	6875270	150	02/09/2001	MAGNETIC GARNET SINGLE-CRYSTAL FILM AND METHOD OF PRODUCING THE SAME, AND FARADAY ROTATOR COMPRISING THE SAME	OHIDO, ATSUSHI
10328966	6775052	150	12/24/2002	HARD MAGNETIC GARNET MATERIAL, FARADAY ROTATOR, OPTICAL DEVICE, OPTICAL COMMUNICATION SYSTEM, METHOD OF MANUFACTURING FARADAY ROTATOR AND METHOD OF MANUFACTURING BISMUTH-SUBSTITUTED RARE EARTH IRON GARNET SINGLE CRYSTAL	OHIDO, ATSUSHI
10347264	6853473	150	01/21/2003	FARADAY ROTATOR AND OPTICAL DEVICE COMPRISING THE SAME, AND ANTIREFLECTION FILM AND OPTICAL DEVICE COMPRISING THE SAME	OHIDO, ATSUSHI
10366341	Not Issued	95	02/14/2003	MAGNETIC GARNET MATERIAL, FARADAY ROTATOR, OPTICAL DEVICE, BISMUTH-SUBSTITUTED RARE EARTH IRON GARNET SINGLE-CRYSTAL FILM AND METHOD FOR PRODUCING THE SAME AND CRUCIBLE FOR PRODUCING THE SAME	OHIDO, ATSUSHI

<u>10382655</u>	Not Issued	41	03/07/2003	Manufacturing method of optical device, optical device, manufacturing method of faraday rotator, and optical communication system	OHIDO, ATSUSHI
<u>10481632</u>	Not Issued	71	12/22/2003	Substrate for forming magnetic garnet single crystal film, optical device, and its production method	OHIDO, ATSUSHI
<u>10543655</u>	Not Issued	20	07/28/2005	Magnetic garnet single crystal film formation substrate, optical element and production method of the same	OHIDO, ATSUSHI
<u>10544099</u>	Not Issued	30	08/02/2005	Substrate for forming magnetic garnet single-crystal film, process for producing the same, optical device and process for producing the same	OHIDO, ATSUSHI
<u>10791598</u>	Not Issued	71	03/02/2004	Hard magnetic garnet material, faraday rotator, optical device, optical communication system, method of manufacturing faraday rotator and method of manufacturing bismuth-substituted rare earth iron garnet single crystal	OHIDO, ATSUSHI
<u>11399398</u>	Not Issued	20	04/07/2006	Magnetic garnet material, faraday rotator, optical device, bismuth-substituted rare earth-iron-garnet single-crystal film and method for producing the same and crucible for producing the same	OHIDO, ATSUSHI

Inventor Search Completed: No Records to Display.

**Search Another: Inventor**

<b>Last Name</b>	<b>First Name</b>	<b>Search</b>
<input type="text" value="Ohido"/>	<input type="text" value="Atsushi"/>	<input type="button" value="Search"/>

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Day : Thursday

Date: 6/8/2006  
Time: 22:33:10**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = UCHIDA

First Name = KIYOSHI

<b>Application#</b>	<b>Patent#</b>	<b>Status</b>	<b>Date Filed</b>	<b>Title</b>	<b>Inventor Name</b>
06101711	4278509	150	12/10/1979	METHOD OF ACTIVATING OXYGEN CONCENTRATION CELL	UCHIDA, KIYOSHI
06117783	4327820	150	02/01/1980	DISC BRAKE AND METHOD OF MANUFACTURING THE SAME	UCHIDA, KIYOSHI
06214504	4419925	150	12/09/1980	ASSEMBLED PISTON FOR ENGINE	UCHIDA, KIYOSHI
06236545	Not Issued	161	02/20/1981	SINTERED SILICON NITRIDE MATERIAL AND MANUFACTURING PROCESS THEREOF	UCHIDA, KIYOSHI
06244684	Not Issued	161	03/17/1981	DEVICE FOR DETECTING OXYGEN CONCENTRATION IN EXHAUST GAS, METHOD OF MANUFACTURING SAID DEVICE AND MEASURING METHOD UTILIZING SAID DEVICE	UCHIDA, KIYOSHI
06286845	Not Issued	161	07/27/1981	OXYGEN SENSOR AND METHOD OF MANUFACTURING SAME	UCHIDA, KIYOSHI
06428758	Not Issued	163	09/30/1982	DEVICE FOR DETECTING OXYGEN CONCENTRATION IN EXHAUST GAS, METHOD OF MANUFACTURING SAID DEVICE AND MEASURING METHOD UTILIZING SAID DEVICE	UCHIDA, KIYOSHI
07465206	Not Issued	166	03/02/1990	CERAMICS COMPOSITE MATERIAL AND METHOD OF PRODUCING THE SAME	UCHIDA, KIYOSHI
07543422	Not Issued	161	06/26/1990	PROCESS FOR SYNTHESIZING DIAMOND	UCHIDA, KIYOSHI

<u>07563187</u>	5068871	150	08/06/1990	PROCESS FOR SYNTHESIZING DIAMOND AND APPARATUS THEREFOR	UCHIDA, KIYOSHI
<u>07623099</u>	Not Issued	168	12/06/1990	HIGH-STRENGTH MARTENSITIC STAINLESS STEEL HAVING SUPERIOR FATIGUE PROPERTIES IN CORROSIVE AND EROSIVE ENVIRONMENT AND METHOD OF PRODUCING THE SAME	UCHIDA, KIYOSHI
<u>07718986</u>	5215788	150	06/21/1991	COMBUSTION FLAME METHOD FOR FORMING DIAMOND FILMS	UCHIDA, KIYOSHI
<u>07757461</u>	5202863	150	09/10/1991	MAGNETO-OPTICAL DISK UNIT COMPATIBLE WITH DIFFERENT TWO TYPES OF MAGNETO-OPTICAL DISKS AND A MAGNETIC-FIELD GENERATOR SUITABLE THEREOF	UCHIDA, KIYOSHI
<u>07820560</u>	5232520	150	01/14/1992	HIGH-STRENGTH MARTENSITIC STAINLESS STEEL HAVING SUPERIOR FATIGUE PROPERTIES IN CORROSIVE AND EROSIVE ENVIRONMENT AND METHOD OF PRODUCING THE SAME	UCHIDA, KIYOSHI
<u>07879158</u>	5190895	250	04/30/1992	CERAMICS COMPOSITE MATERIAL	UCHIDA, KIYOSHI
<u>07910694</u>	Not Issued	166	07/08/1992	CERAMICS COMPOSITE MATERIAL AND METHOD OF PRODUCING THE SAME	UCHIDA, KIYOSHI
<u>07935179</u>	5339573	150	08/26/1992	FLOOR SURFACE BLASTING APPARATUS	UCHIDA, KIYOSHI
<u>07972895</u>	Not Issued	166	11/06/1992	MAGNETO-OPTICAL DISK UNIT COMPATIBLE WITH DIFFERENT TWO TYPES OF MAGNETO-OPTICAL DISKS AND A MAGNETIC-FIELD GENERATOR SUITABLE THEREFOR	UCHIDA, KIYOSHI
<u>07983756</u>	Not Issued	161	12/01/1992	MAGNETO-OPTIC DISK	UCHIDA, KIYOSHI
<u>08067490</u>	5312787	250	05/25/1993	CERAMICS COMPOSITE MATERIAL AND METHOD OF PRODUCING THE SAME	UCHIDA, KIYOSHI

<u>08083924</u>	<u>5383075</u>	150	06/28/1993	SLIDER BODY WITH EMBEDDED LUBRICANTS AND MAGNETIC BIASING APPARATUS	UCHIDA, KIYOSHI
<u>08182235</u>	<u>5435773</u>	150	01/18/1994	FLOOR SURFACE BLASTING APPARATUS	UCHIDA, KIYOSHI
<u>08222363</u>	<u>5517472</u>	150	04/04/1994	A MAGNETIC-FIELD GENERATOR FOR USE IN A MAGNETO-OPTICAL DISK UNIT	UCHIDA, KIYOSHI
<u>08288695</u>	<u>5618617</u>	150	08/12/1994	MAGNETO-OPTIC DISK	UCHIDA, KIYOSHI
<u>08414936</u>	<u>5667429</u>	150	03/31/1995	FLOOR SURFACE BLASTING APPARATUS	UCHIDA, KIYOSHI
<u>08559372</u>	<u>5842306</u>	150	11/16/1995	TRANSPLANTER	UCHIDA, KIYOSHI
<u>08579764</u>	<u>5645937</u>	150	12/28/1995	THIN FILM LAYERED MEMBER	UCHIDA, KIYOSHI
<u>08618960</u>	<u>5770715</u>	150	03/20/1996	HAMMERHEAD-LIKE NUCLEIC ACID ANALOGUES AND THEIR SYNTHESIS	UCHIDA, KIYOSHI
<u>08678632</u>	<u>5895889</u>	150	07/10/1996	WIRE HARNESS AND METHOD OF MANUFACTURING SAME	UCHIDA, KIYOSHI
<u>08688793</u>	<u>5912061</u>	150	07/31/1996	UV-RAY SETTING RESIN AND A METHOD FOR MANUFACTURING A MAGNETO-OPTICAL DISK BY THE USE OF THE UV-RAY SETTING RESIN	UCHIDA, KIYOSHI
<u>08697645</u>	<u>5743972</u>	150	08/27/1996	HEAVY-WALL STRUCTURAL STEEL AND METHOD	UCHIDA, KIYOSHI
<u>08719643</u>	<u>5982054</u>	150	09/25/1996	MAGNETOSTRICTIVE DEVICE	UCHIDA, KIYOSHI
<u>08765340</u>	<u>6150092</u>	150	12/23/1996	ANTISENSE NUCLEIC ACID COMPOUND TARGETED TO VEGF	UCHIDA, KIYOSHI
<u>08785502</u>	<u>6018505</u>	150	01/17/1997	MAGNETO-OPTICAL DISC APPARTUS	UCHIDA, KIYOSHI
<u>08859415</u>	Not Issued	161	05/20/1997	METHOD OF PRODUCING ANTISENSE OLIGONUCLEOTIDE	UCHIDA, KIYOSHI
<u>08918431</u>	<u>6018511</u>	150	08/26/1997	MAGNETO-OPTICAL RECORDING MEDIUM AND READOUT METHOD OF THE SAME	UCHIDA, KIYOSHI

<u>08974195</u>	<u>5918365</u>	150	11/19/1997	WIRE HARNESS MANUFACTURING METHOD	UCHIDA, KIYOSHI
<u>09000562</u>	<u>5882447</u>	150	12/30/1997	HEAVY - WALL STRUCTURAL STEEL AND METHOD	UCHIDA, KIYOSHI
<u>09103662</u>	Not Issued	161	06/23/1998	NUCLEIC ACID COMPOUNDS AND THEIR SYNTHETIC METHOD	UCHIDA, KIYOSHI
<u>09120853</u>	<u>6057437</u>	150	07/21/1998	ANTISENSE NUCLEIC ACID COMPOUNDS INHIBITING VASCULAR ENDOTHELIAL GROWTH FACTOR	UCHIDA, KIYOSHI
<u>09395103</u>	<u>6246149</u>	150	09/14/1999	SURFACE ACOUSTIC WAVE DEVICE	UCHIDA, KIYOSHI
<u>09574310</u>	<u>6400061</u>	150	05/19/2000	SURFACE ACOUSTIC WAVE DEVICE AND SUBSTRATE THEREOF	UCHIDA, KIYOSHI
<u>09640492</u>	<u>6429570</u>	150	08/16/2000	SURFACE ACOUSTIC WAVE DEVICE	UCHIDA, KIYOSHI
<u>09804834</u>	<u>6495235</u>	150	03/13/2001	OPTICAL DISK, SUBSTRATE OF THE SAME, AND MOLD FOR FORMING THE SUBSTRATE	UCHIDA, KIYOSHI
<u>09878409</u>	<u>6537391</u>	150	06/12/2001	STEEL WITH IMPROVED IMPACT PENETRATION RESISTANCE AND METHOD FOR PRODUCING THE SAME	UCHIDA, KIYOSHI
<u>10038189</u>	<u>6767697</u>	150	10/24/2001	OPTICAL DISK AND METHOD FOR PRODUCING THE SAME	UCHIDA, KIYOSHI
<u>10062772</u>	Not Issued	161	02/05/2002	Server machine, client machine, server program storage medium, client program storage medium, server-client system, and information processing method	UCHIDA, KIYOSHI
<u>10481632</u>	Not Issued	71	12/22/2003	Substrate for forming magnetic garnet single crystal film, optical device, and its production method	UCHIDA, KIYOSHI
<u>10543655</u>	Not Issued	20	07/28/2005	Magnetic garnet single crystal film formation substrate, optical element and production method of the same	UCHIDA, KIYOSHI
<u>10544099</u>	Not Issued	30	08/02/2005	Substrate for forming magnetic garnet single-crystal film, process for producing the same, optical device and process for producing the same	UCHIDA, KIYOSHI